	CONSTRUCTION OF RAJARAJESHWARI SCHOOL (KALPANA ROAD) BUILDING IN WARD NO.17 J.P.PARK, BANGALORE BENGALURU MAHANAGARA PALIKE
Name of the work	M/S M R Infra, No.123/30, 4th Floor, 1st Main Road, Rajajinagar Industrial Town, Bangalore-10.
Name of the Contractor/Agency:	EE(P)/RRN/AG/28/21-22 Date:12.11.2021
Agreement No.	Rs. 104,217,770.00
Contract Amount	12.00%
% Tender premium & Escalation provisions	334 Days
Start Date of the work	
Period of Contract	
Scheduled End Date of work	
EOT	

Workslip /CS

ABSTRACT

Sl No	Description	Unit	BOQ Qty	BOQ Rate	Amount	Total Executed Qty	Qty up to 100 %		Qty up to 100 % To 125%			Qty Above 125%			Total Amount	Savings	Excess
							Qty	Amount	Qty	Amount		Qty	Rate	Amount			
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removalof stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. II. By Mechanical Means: A. In area of light jungle.	Ha	1.00	22409.05	22409.05	0.97	0.97	21714.37	0.00	0.00		0.00	0.00	-	21,714.37	694.68	-
2	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring struttting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required & utilising/transporting the remaining earth upto 1.00 km lead. Including the cost of labour & HOM as per drawing and technical specification	Cum	2888.00	73.79	213105.52	5347.30	2888.00	213105.52	722.00	53276.38		1737.30	73.79	128,195.31	394,577.21	-	181,471.69
3	Earth work excavation for foundation of structures upto 3 mtrs by mechanical means as per drawing and technical specification, including setting out, providing shoring, struttng and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 1.00km lead including cost of labour, materials and HOM etc., complete. - do - In all types of soils	Cum	2083.65	62.90	131061.59	1588.83	1588.83	99937.41	0.00	0.00		0.00	0.00	-	99,937.41	31,124.18	-
4	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	863.40	325.38	280933.09	872.93	863.40	280933.09	9.53	3100.87		0.00	0.00	-	284,033.96	-	3,100.87
5	Providing sand and cement piles with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c/c and filling with sand and 10% cement and tamping wherever required including cost of materials, labour complete as per specifications	Sqm	1161.50	435.46	505786.79	1754.17	1161.50	505786.79	290.37	126444.52		302.30	435.46	131,639.56	763,870.87	-	258,084.08
6	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured	Sqm	1126.50	128.22	144439.83	2272.64	1126.50	144439.83	281.63	36109.96		864.52	128.22	110,848.24	291,398.03	-	146,958.20
7	Providing and Filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, rammng, watering, including cost of all materials and labour with all lead and lift, complete as per specifications	Cum	232.30	2938.12	682525.28	343.86	232.30	682525.28	58.08	170631.32		53.49	2938.12	157,155.48	1,010,312.08	-	327,786.80
8	Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering, ramming with all lead and lift complete as per specifications.	Cum	56.1	2491.78	139788.86	57.31	56.10	139788.86	1.21	3016.49		0.00	0.00	-	142,805.34	-	3,016.49
9	Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications specification	Cum	1021	487.47	497706.87	8411.79	1021.00	497706.87	255.25	124426.72		7135.54	487.47	3,478,362.85	4,100,496.44	-	3,602,789.57
10	Loading and Unloading of Stone Boulders/Stone Aggregates/sand/Kanker/moorum by Manual Means complete as per specifications. MORTH -100/ Chapter 1 & cost of Haulage excluding loading & unloading - 15 km	Cum	2888	115.39	333246.32	15067.71	2888.00	333246.32	722.00	83311.58		11457.71	115.39	1,322,105.72	1,738,663.62	-	1,405,417.30
11	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm & down size graded granite metel coarse aggregates @ 0.892 cum & fine aggregates @ 0.465 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation & plinth, cost of all materials, labour, HOM of machinery, curing complete as per specification	Cum	252.65	6577.88	1661901.38	319.95	252.65	1661901.38	63.16	415475.35		4.14	6577.88	27,224.24	2,104,600.97	-	442,699.59
12	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm & down size graded granite metel coarse aggregates @ 0.69 cum & fine aggregates @ 0.459 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation & plinth & Cills including cost of all materials, labour, HOM of machinery, curing complete as per specification	Cum	17.4	6880.52	119721.05	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	119,721.05	-

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	& laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC 340 Kgs with down size graded granite metel coarse aggregates @ 0.70 Cum & fine aggregates @ th with super plastisser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor oof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc ding cost of all materials, laobur HOM of machinary, curing complete as per specification.Ground floor	Cum	26.7	7486.45	199888.22	28.47	26.70	199888.22	1.77	13240.69		0.00	0.00	-	213,128.90	-	13,240.69
	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded granite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification.First floor	Cum	26.7	7559.03	201826.10	33.97	26.70	201826.10	6.68	50494.32		0.59	7559.03	4,459.83	256,780.25	-	54,954.15
15	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded granite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification.Second floor	Cum	26.7	7631.60	203763.72	33.47	26.70	203763.72	6.68	50940.93		0.09	7631.60	719.51	255,424.16	-	51,660.44
16	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded granite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification.Third floor	Cum	26.7	7704.18	205701.61	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	205,701.61	-
17;	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded granite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification.Head room	Cum	3	7849.33	23547.99	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	23,547.99	-
18	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) FOOTING & COLUMN	Cum	734	7254.43	5324751.62	722.57	722.57	5241831.53	0.00	0.00		0.00	0.00	-	5,241,831.53	82,920.09	-
19	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) GRADE BEAM	Cum	428.6	7254.43	3109248.70	327.43	327.43	2375349.63	0.00	0.00		0.00	0.00	-	2,375,349.63	733,899.07	-
20	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) ROOF SLAB	Cum	682.8	7254.43	4953324.80	615.02	615.02	4461626.86	0.00	0.00		0.00	0.00	-	4,461,626.86	491,697.95	-
21	Providing and removing centering, shuttering, strutting, proppung etc., an removal of form work for Foundation , footing , bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	818.94	312.08	255574.80	1380.11	818.94	255574.80	204.74	63893.70		356.44	312.08	111,237.12	430,705.62	-	175,130.82
22	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1 0 in depth including cost of all materials, labour complete as per specifications. GROUND FLOOR	Sqm	1907.1	353.20	673587.72	2164.92	1907.10	673587.72	257.82	91061.86		0.00	0.00	-	764,649.58	-	91,061.86
23	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1 0 in depth including cost of all materials, labour complete as per specifications. FIRST FLOOR	Sqm	1116.8	359.25	401210.40	1096.51	1096.51	393921.35	0.00	0.00		0.00	0.00	-	393,921.35	7,289.05	-
24	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1 0 in depth including cost of all materials, labour complete as per specifications. SECOND FLOOR	Sqm	1116.8	365.30	407967.04	1251.37	1116.80	407967.04	134.57	49157.55		0.00	0.00	-	457,124.59	-	49,157.55
25	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1 0 in depth including cost of all materials, labour complete as per specifications.THIRD FLOOR	Sqm	1116.8	371.35	414723.68	1295.68	1116.80	414723.68	178.88	66427.83		0.00	0.00	-	481,151.51	-	66,427.83
26	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1 0 in depth including cost of all materials, labour complete as per specifications. TERRACE FLOOR	Sqm	135.5	383.44	51956.12	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	51,956.12	-
27	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. GROUND FLOOR	Sqm	627.5	551.58	346116.45	879.75	627.50	346116.45	156.88	86529.11		95.37	551.58	52,606.12	485,251.68	-	139,135.23
28	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. FIRST FLOOR	Sqm	393.2	558.84	219735.89	459.28	393.20	219735.89	66.08	36925.91		0.00	0.00	-	256,661.80	-	36,925.91
29	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. SECOND FLOOR	Sqm	393.2	566.09	222586.59	530.97	393.20	222586.59	98.30	55646.65		39.47	566.09	22,341.87	300,575.11	-	77,988.52
30	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. THIRD FLOOR	Sqm	393.2	573.35	225441.22	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	225,441.22	-

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	and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per plan. TERRACE FLOOR	Sqm	85.5	587.87	50262.89	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	50,262.89	-
	and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - GROUND FLOOR	Sqm	1153.6	483.84	558157.82	1154.78	1153.60	558157.82	1.18	569.26		0.00	0.00	-	558,727.09	-	569.26
	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - FIRST FLOOR	Sqm	1105.6	483.84	534933.50	1154.78	1105.60	534933.50	49.18	23793.58		0.00	0.00	-	558,727.09	-	23,793.58
4	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - SECOND FLOOR	Sqm	1105.6	483.84	534933.50	1154.78	1105.60	534933.50	49.18	23793.58		0.00	0.00	-	558,727.09	-	23,793.58
35	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - THIRD FLOOR	Sqm	1105.6	483.84	534933.50	1154.78	1105.60	534933.50	49.18	23793.58		0.00	0.00	-	558,727.09	-	23,793.58
36	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - TERRCAE FLOOR	Sqm	90	483.84	43545.60	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	43,545.60	-
37	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. GROUND , FIRST , SECOND, THIRD FLOOR	Sqm	182.8	913.25	166942.10	205.78	182.80	166942.10	22.98	20987.58		0.00	0.00	-	187,929.68	-	20,987.58
38	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. TERRCAE FLOOR	Sqm	7.2	913.25	6575.40	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	6,575.40	-
39	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. GROUND , FIRST , SECOND, THIRD FLOOR	Sqm	214	628.99	134603.86	254.89	214.00	134603.86	40.89	25720.28		0.00	0.00	-	160,324.14	-	25,720.28
40	Providing and laying in position reinforced cement coonrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.GROUND FLOOR	Sqm	48	599.96	28798.08	43.91	43.91	26343.04	0.00	0.00		0.00	0.00	-	26,343.04	2,455.04	-
41	Providing and laying in position reinforced cement coonrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.FIRST FLOOR	Sqm	48	606.01	29088.48	50.60	48.00	29088.48	2.60	1578.05		0.00	0.00	-	30,666.53	-	1,578.05
42	Providing and laying in position reinforced cement coonrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.SECOND FLOOR	Sqm	48	612.06	29378.88	54.50	48.00	29378.88	6.50	3978.39		0.00	0.00	-	33,357.27	-	3,978.39
43	Providing and laying in position reinforced cement coonrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.THIRD FLOOR	Sqm	48	618.11	29669.28	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	29,669.28	-
44	Providing and laying in position reinforced cement coonrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.TERRACE FLOOR	Sqm	3	630.20	1890.60	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	1,890.60	-
45	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights	Sqm	195	390.70	76186.50	195.72	195.00	76186.50	0.72	281.30		0.00	0.00	-	76,467.80	-	281.30
46	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), GROUND,FIRST,SECOND,THIRD FLOOR	Mtr	519	39.92	20718.48	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	20,718.48	-
47	Providing lath plastering cement mortor 1:3, 5 Cm thick with 6 mm dia mild steel @ 20 cm c/c both horizantaly & Vertically fixing Chicken Mesh for drop chejja , facia. Backing to cupboard including cost of all materials, labour, provsling & removing form work H O M of Machinery , curing, complete as per specifications	Sqm	126	1296.69	163382.94	384.00	126.00	163382.94	31.50	40845.74		226.50	1320.70	299,139.46	503,368.13	-	339,985.19
48	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieing with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) 4.6.3 FOR TMT Bars Fe- 500 GROUND FLOOR	Sqm	90.53	94357.27	8542163.65	92.94	90.53	8542163.65	2.41	227351.01		0.00	0.00	-	8,769,514.66	-	227,351.01

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	TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing i lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining Wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) ll materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS MT Bars Fe- 500 FIRST FLOOR	Tonne	37.8	95262.05	3600905.49	31.10	31.10	2962449.70	0.00	0.00		0.00	0.00	-	2,962,449.70	638,455.79	-
	ding TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing osition lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining mbers wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) ost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. SECOND FLOOR	Tonne	37.2	96166.83	3577406.08	47.41	37.20	3577406.08	9.30	894351.52		0.91	105.56	96.06	4,471,853.65	-	894,447.58
1	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. THIRD FLOOR	Tonne	37.2	97071.61	3611063.89	7.44	7.44	722057.46	0.00	0.00		0.00	0.00	-	722,057.46	2,889,006.43	-
52	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. TERRACE FLOOR	Tonne	3	98881.17	296643.51	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	296,643.51	-
53	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	58.4	5559.32	324664.29	54.83	54.83	304811.40	0.00	0.00		0.00	0.00	-	304,811.40	19,852.89	-
54	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5 0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications GROUND FLOOR	Cum	209.1	8631.13	1804769.28	223.97	209.10	1804769.28	14.87	128366.92		0.00	0.00	-	1,933,136.20	-	128,366.92
55	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5 0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications FIRST FLOOR	Cum	226	8691.61	1964303.86	217.11	217.11	1886998.82	0.00	0.00		0.00	0.00	-	1,886,998.82	77,305.04	-
56	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5 0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications SECOND FLOOR	Cum	226	8752.09	1977972.34	220.85	220.85	1932860.44	0.00	0.00		0.00	0.00	-	1,932,860.44	45,111.90	-
57	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5 0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications THIRD FLOOR	Cum	226	8812.57	1991640.82	129.45	129.45	1140822.89	0.00	0.00		0.00	0.00	-	1,140,822.89	850,817.93	-
58	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5 0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications TERRACE FLOOR	Cum	80.7	8933.53	720935.87	0.00	0.00	0.00	0.00	0.00		0.00	0.00	-	-	720,935.87	-
59	Construction of partition wall 11.2 cms thick with non modular table moulded burnt bricks of class designation 5 0Newton per Sqmm with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications. GROUND FLOOR	Sqm	24	1125.07	27001.68	33.96	24.00	27001.68	6.00	6750.42		3.96	1078.00	4,265.65	38,017.75	-	11,016.07
60	Construction of partition wall 11 2 cms thick with non modular table moulded burnt bricks of class designation 5 0Newton per Sqmm with cement mortar 1 4 including cost of materials, labour charges, scaffolding, curing complete as per specifications FIRST FLOOR	Sqm	25	1131.12	28278.00	33.96	25.00	28278.00	6.25	7069.50	35347.50	2.71	1088.78	2,947.33	38,294.83	-	10,016.83
61	Construction of partition wall 11 2 cms thick with non modular table moulded burnt bricks of class designation 5 0Newton per Sqmm with cement mortar 1 4 including cost of materials, labour charges, scaffolding, curing complete as per specifications SECOND FLOOR	Sqm	25	1137.17	28429.25	33.96	25.00	28429.25	6.25	7107.31	35536.56	2.71	1099.56	2,979.81	38,516.37	-	10,087.12
62	Construction of partition wall 11 2 cms thick with non modular table moulded burnt bricks of class designation 5 0Newton per Sqmm with cement mortar 1 4 including cost of materials, labour charges, scaffolding, curing complete as per specifications THIRD FLOOR	Sqm	25	1143.22	28580.50	33.96	25.00	28580.50	6.25	7145.13	35725.63	2.71	1110.34	3,005.69	38,731.32	-	10,150.82
63	Providing 18mm thick cement plaster in single coat with cement mortor 1 3 to Brick masonary including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications External Plastering GROUND FLOOR	Sqm	1037	344.59	357339.83	1182.36	1037.00	357339.83	145.36	50089.77	407429.60	0.00	0.00	-	407,429.60	-	50,089.77
64	Providing 18mm thick cement plaster in single coat with cement mortor 1 3 to Brick masonary including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications External Plastering FIRST FLOOR	Sqm	912	359.11	327508.32	920.92	912.00	327508.32	8.92	3201.65	330709.97	0.00	0.00	-	330,709.97	-	3,201.65
65	Providing 18mm thick cement plaster in single coat with cement mortor 1 3 to Brick masonary including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications External Plastering SECOND FLOOR	Sqm	912	373.62	340741.44	921.07	912.00	340741.44	9.07	3388.92	344130.36	0.00	0.00	-	344,130.36	-	3,388.92
66	Providing 18mm thick cement plaster in single coat with cement mortor 1 3 to Brick masonary including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications External Plastering THIRD FLOOR	Sqm	912	388.14	353983.68	532.71	532.71	206764.70	0.00	0.00	206764.70	0.00	0.00	-	206,764.70	147,218.98	-
67	Providing 18mm thick cement plaster in single coat with cement mortor 1 3 to Brick masonary including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications External Plastering TERRACE FLOOR	Sqm	637	417.17	265737.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	265,737.29	-
68	Providing 15mm thick cement plaster in single coat with cement mortor 1 4 to brick masonry including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (internal) Providing floating coat of cement plastering, finishing smooth, including cost of materials, labour, curing complete as per specifications GROUND FLOOR	Sqm	1673.88	316.77	530234.97	1889.36	1673.88	530234.97	215.48	68257.16	598492.12	0.00	0.00	-	598,492.12	-	68,257.16

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	15mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of labour, curing complete as per specifications (internal) Providing floating coat of cement plastering smooth including cost of materials, labour, curing complete as per specifications - FIRST FLOOR	Sqm	1611	324.03	522012.33	1864.95	1611.00	522012.33	253.95	82287.42	604299.75	0.00	0.00	-	604,299.75	-	82,287.42
	ding 15mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including ding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of terials, labour, curing complete as per specifications (internal) Providing floating coat of cement plastering nishing smooth including cost of materials, labour, curing complete as per specifications - SECOND FLOOR	Sqm	1611	331.28	533692.08	1859.36	1611.00	533692.08	248.36	82275.94	615968.02	0.00	0.00	-	615,968.02	-	82,275.94
	Providing 15mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (internal) Providing floating coat of cement plastering finishing smooth including cost of materials, labour, curing complete as per specifications - THIRD FLOOR	Sqm	1611	338.54	545387.94	937.28	937.28	317306.50	0.00	0.00	317306.50	0.00	0.00	-	317,306.50	228,081.44	-
72	Providing 15mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (internal) Providing floating coat of cement plastering finishing smooth including cost of materials, labour, curing complete as per specifications - TERRCAE FLOOR	Sqm	173	353.06	61079.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	61,079.38	-
73	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications GROUND FLOOR	Sqm	1603.26	315.96	506566.03	1688.21	1603.26	506566.03	84.95	26841.64	533407.67	0.00	0.00	-	533,407.67	-	26,841.64
74	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications FIRST FLOOR	Sqm	1304	323.22	421478.88	1302.89	1302.89	421118.85	0.00	0.00	421118.85	0.00	0.00	-	421,118.85	360.03	-
75	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications SECOND FLOOR	Sqm	1304	330.48	430945.92	1303.22	1303.22	430689.34	0.00	0.00	430689.34	0.00	0.00	-	430,689.34	256.58	-
76	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications THIRD FLOOR	Sqm	1304	337.74	440412.96	928.71	928.71	313661.10	0.00	0.00	313661.10	0.00	0.00	-	313,661.10	126,751.86	-
77	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications TERRACE FLOOR	Sqm	63	352.25	22191.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	22,191.75	-
78	Providing rough cement plastering 15 mm thick in single coat with cement mortor 1:4, to brick masanary for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications GROUND FLOOR	Sqm	374	256.36	95878.64	437.47	374.00	95878.64	63.47	16271.68	112150.32	0.00	0.00	-	112,150.32	-	16,271.68
79	Providing rough cement plastering 15 mm thick in single coat with cement mortor 1:4, to brick masanary for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications FIRST FLOOR	Sqm	335.5	263.61	88441.16	402.67	335.50	88441.16	67.17	17707.21	106148.37	0.00	0.00	-	106,148.37	-	17,707.21
80	Providing rough cement plastering 15 mm thick in single coat with cement mortor 1:4, to brick masanary for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications SECOND FLOOR	Sqm	335.5	270.87	90876.89	402.67	335.50	90876.89	67.17	18194.88	109071.76	0.00	0.00	-	109,071.76	-	18,194.88
81	Providing rough cement plastering 15 mm thick in single coat with cement mortor 1:4, to brick masanary for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications THIRD FLOOR	Sqm	335.5	278.13	93312.62	297.42	297.42	82722.68	0.00	0.00	82722.68	0.00	0.00	-	82,722.68	10,589.94	-
82	Providing 20mm thick cement plaster in single coat with cement mortor 1:3, to Stone masonary & concrete Surface including rounding off corners wherver required smooth rendering,' Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications FIRST FLOOR	Sqm	88	364.34	32061.92	90.41	88.00	32061.92	2.41	876.33	32938.25	0.00	0.00	-	32,938.25	-	876.33
83	Providing 20mm thick cement plaster in single coat with cement mortor 1:3, to Stone masonary & concrete Surface including rounding off corners wherver required smooth rendering,' Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications SECOND FLOOR	Sqm	72	364.34	26232.48	76.58	72.00	26232.48	4.58	1668.04	27900.52	0.00	0.00	-	27,900.52	-	1,668.04
84	Providing 20mm thick cement plaster in single coat with cement mortor 1:3, to Stone masonary & concrete Surface including rounding off corners wherver required smooth rendering,' Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications THIRD FLOOR	Sqm	110.78	364.34	40361.59	76.58	76.58	27900.52	0.00	0.00	27900.52	0.00	0.00	-	27,900.52	12,461.07	-
85	Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications (length of mesh only be measured for payment)-Plaster Mesh 150 mm wide	Mtr	300	37.50	11250.00	372.60	300.00	11250.00	72.60	2722.50	13972.50	0.00	0.00	-	13,972.50	-	2,722.50
86	Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications (length of mesh only be measured for payment) - Plaster Mesh 200 mm wide	Mtr	400	43.55	17420.00	596.95	400.00	17420.00	100.00	4355.00	21775.00	96.95	43.55	4,222.17	25,997.17	-	8,577.17
87	Providing & applying Two coats of wall putty to inside plastered walls and ceiling using white cement putty Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of materials , cost of labour and scafolding etc complete as per specifications ALL FLOORS	Sqm	9283	94.35	875851.05	11773.98	9283.00	875851.05	2320.75	218962.76	1094813.81	170.23	105.32	17,928.62	1,112,742.44	-	236,891.39
88	Providing & applying Painting in in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thouroughly brushing the surface free from morter drops and other forign mater including preparing the surface even and sand paer smooth, cost of materials, labour complete asper specifications with a) Primer – ALL FLOORS	Sqm	6635	108.86	722286.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	722,286.10	-

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	& applying Painting in in two coats with plastic emulsion paint of approved brand on wall surface to on approved shade after thouroughly brushing the surface free from morter drops and other forign luding preparing the surface even and sand paer smooth, cost of materials, labour complete asper ngs with a) Primer Extra over Item 15-15 1 for painting two coats with plastic emulsion paint of and and shade on ceiling and / or sloping roof as per specifications.	Sqm	5563	114.91	639244.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	639,244.33	-
	ying priming coat over new wood surface and / or wood based surface after preparing the surface after ughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for nish including cost of materials, labour,	Sqm	408	60.48	24675.84	514.52	400.00	24675.84	102.00	6168.96	30844.80	4.52	52.98	239.45	31,084.25	-	6,408.41
	Providing and applying painting two coats on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour complete as per specifications.	Sqm	408	117.33	47870.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	47,870.64	-
	Applying Red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.	Sqm	347.4	49.59	17227.57	331.20	331.20	16424.21	0.00	0.00	16424.21	0.00	0.00	-	16,424.21	803.36	-
93	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	347.4	114.91	39919.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	39,919.73	-
94	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications- GROUND FLOOR	Sqm	1037	217.73	225786.01	1084.56	1037.00	225786.01	47.56	10355.35	236141.36	0.00	0.00	-	236,141.36	-	10,355.35
95	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications- FIRST FLOOR	Sqm	912	222.57	202983.84	920.92	912.00	202983.84	8.92	1984.32	204968.16	0.00	0.00	-	204,968.16	-	1,984.32
96	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications- SECOND FLOOR	Sqm	912	227.40	207388.80	921.07	912.00	207388.80	9.07	2062.63	209451.43	0.00	0.00	-	209,451.43	-	2,062.63
97	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications- THIRD FLOOR	Sqm	912	232.24	211802.88	532.71	532.71	123715.76	0.00	0.00	123715.76	0.00	0.00	-	123,715.76	88,087.12	-
98	Providing Melamine polishing of approved shade including removing and refixing of doors shutters scrapung with blade and rubbing with zero size sand paper and applying sealer coat by way of spraying with necessary compressor and applying patty after rubbing with steel wool including two coats of approved shade of Melamine polish etc , complete.	Sqm	12	1035.42	12425.04	23.17	12.00	12425.04	3.00	3106.26	15531.30	8.17	144.14	1,177.08	16,708.38	-	4,283.34
99	Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1 6, 25 mm thick, and pointed with cement mortar 1:3 over existng cement concrete bed, including cost of materials, mortar, labour, curing complete as per specifications	Sqm	58.25	3931.38	229002.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	229,002.89	-
100	Providing and fixing for flooring 40mm thick sadarhalli grey flamed granite slab for bath areas in bathrooms over a bed of 25mm thick CM 1 6 and fixing granite slab with CM 1 3	Sqm	44.6	2218.41	98941.09	44.12	44.12	97874.59	0.00	0.00	97874.59	0.00	0.00	-	97,874.59	1,066.50	-
101	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1 3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications size 30x30cms - GROUND FLOOR	Sqm	15	1476.36	22145.40	15.00	15.00	22145.40	0.00	0.00	22145.40	0.00	0.00	-	22,145.40	0.00	-
102	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1 3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms - FIRST FLOOR	Sqm	54.6	1478.78	80741.39	54.74	54.60	80741.39	0.14	213.31	80954.70	0.00	0.00	-	80,954.70	-	213.31
103	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1 3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms - SECOND FLOOR	Sqm	54.6	1481.20	80873.52	54.74	54.60	80873.52	0.14	213.66	81087.18	0.00	0.00	-	81,087.18	-	213.66
104	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1 3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms - THIRD FLOOR	Sqm	54.6	1483.62	81005.65	54.74	54.60	81005.65	0.14	214.01	81219.66	0.00	0.00	-	81,219.66	-	214.01
105	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1 3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications	Sqm	814.8	1554.31	1266451.79	836.18	814.80	1266451.79	21.38	33228.04	1299679.83	0.00	0.00	-	1,299,679.83	-	33,228.04
106	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1 4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in jouts including cost of including cost of all materials, mortar, labour, curing etc , complete as per specification. 1 4 61 1 - do - minimum width of 1200mm (gang saw water cut) - GROUND FLOOR	Sqm	922.1	2480.89	2287628.67	978.38	922.10	2287628.67	56.28	139621.26	2427249.93	0.00	0.00	-	2,427,249.93	-	139,621.26
107	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1 4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in jouts including cost of including cost of all materials, mortar, labour, curing etc , complete as per specification. 1 4 61 1 - do - minimum width of 1200mm (gang saw water cut) - FIRST FLOOR	Sqm	1007.3	2483.31	2501438.16	1007.45	1007.30	2501438.16	0.15	383.92	2501822.08	0.00	0.00	-	2,501,822.08	-	383.92

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	...and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required ...ern with paper joints, finished with cement mortar using white cement and colour pigments to match ...r of slab making through jointing with sealant, groves in joints including cost of including cost of all ...erials, mortar, labour, curing etc., complete as per specification. ...) - minimum width of 1200mm (gang saw water cut) - SECOND FLOOR	Sqm	1007.3	2485.73	2503875.83	1007.39	1007.30	2503875.83	0.09	228.94	2504104.76	0.00	0.00	-	2,504,104.76	-	228.94
	...ishing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required ...ern, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match ...ur of colour of slab making through jointing with sealant, groves in joints including cost of including cost of all ...erials, mortar, labour, curing etc., complete as per specification. ...61.1 - do - minimum width of 1200mm (gang saw water cut) - THIRD FLOOR	Sqm	1007.3	2488.15	2506313.50	632.87	632.87	1574686.19	0.00	0.00	1574686.19	0.00	0.00	-	1,574,686.19	931,627.31	-
	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification.- GROUND FLOOR	Sqm	97	5389.98	522828.06	111.24	97.00	522828.06	14.24	76753.32	599581.38	0.00	0.00	-	599,581.38	-	76,753.32
111	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification.- FIRST FLOOR	Sqm	61	5392.40	328936.40	69.10	61.00	328936.40	8.10	43678.44	372614.84	0.00	0.00	-	372,614.84	-	43,678.44
112	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification.- SECOND FLOOR	Sqm	61	5394.82	329084.02	69.10	61.00	329084.02	8.10	43698.04	372782.06	0.00	0.00	-	372,782.06	-	43,698.04
113	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification.- THIRD FLOOR	Sqm	61	5397.24	329231.64	60.35	60.35	325723.43	0.00	0.00	325723.43	0.00	0.00	-	325,723.43	3,508.21	-
114	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.- GROUND FLOOR	Sqm	236.1	1329.35	313859.54	286.31	236.10	313859.54	50.21	66744.00	380603.54	0.00	0.00	-	380,603.54	-	66,744.00
115	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.- FIRST FLOOR	Sqm	237.9	1331.77	316828.08	268.31	237.90	316828.08	30.41	40496.46	357324.55	0.00	0.00	-	357,324.55	-	40,496.46
116	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.- SECOND FLOOR	Sqm	177.6	1334.19	236952.14	204.11	177.60	236952.14	26.51	35366.71	272318.85	0.00	0.00	-	272,318.85	-	35,366.71
117	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.- THIRD FLOOR	Sqm	177.6	1336.61	237381.94	174.46	174.46	233185.65	0.00	0.00	233185.65	0.00	0.00	-	233,185.65	4,196.29	-
118	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications.- FIRST FLOOR	Sqm	2.6	2413.15	6274.19	15.30	2.60	6274.19	0.65	1568.55	7842.74	12.05	2681.01	32,306.19	40,148.93	-	33,874.74
119	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications - SECOND FLOOR	Sqm	2	2413.15	4826.30	40.50	2.00	4826.30	0.50	1206.58	6032.88	38.00	2681.01	101,878.45	107,911.33	-	103,085.03
120	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications - THIRD FLOOR	Sqm	2	2413.15	4826.30	16.65	2.00	4826.30	0.50	1206.58	6032.88	14.15	2734.10	38,687.53	44,720.41	-	39,894.11
121	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DNV 18998 standards.	Sqm	210.9	604.80	127552.32	174.66	174.66	105633.01	0.00	0.00	105633.01	0.00	0.00	-	105,633.01	21,919.31	-
122	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS 2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS 2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement slurry admixed with proprietary water proofing compound. (d) Finishing the surface with 20mm thick joint less cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications.	Sqm	1067	1216.86	1298389.62	1018.37	1018.37	1239211.16	0.00	0.00	1239211.16	0.00	0.00	-	1,239,211.16	59,178.46	-
123	Providing Teak Wood frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, TS M of machineries complete as per specifications.	Cum	0.26	193635.19	50345.15	0.47	0.26	50345.15	0.07	12586.29	62931.44	0.14	290319.57	41,189.09	104,120.53	-	53,775.38

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	White Sal Wood frames of doors, windows, clerestory windows, and other frames, wrought, framed &chiseling making plaster groves (excluding cost of cement concrete and side clamps), but cost of materials, labour, HOM of machineries complete as per specifications	Cum	4.2	73238.86	307603.21	6.11	4.20	307603.21	1.05	76900.80	384504.02	0.86	74595.14	63,965.33	448,469.34	-	140,966.15
	Fixing in position Teak wood Half panelled & Half glazed shutters for doors, with styles and frame, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing panels of 25mm thick, 4 mm thick plain glass fixed with beading 15 mm wide & thickness to finish with outer surface, including cost of materials, labour, HOM of machineries complete as per specifications.	Cum	9.6	7732.97	74236.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	74,236.51	-
	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification GROUND FLOOR	Sqm	37.4	3817.50	142774.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	142,774.50	-
	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification FIRST FLOOR	Sqm	39.8	3822.34	152129.13	46.80	39.00	152129.13	7.00	26756.38	178885.51	0.00	0.00	-	178,885.51	-	26,756.38
	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification SECOND FLOOR	Sqm	39.8	3827.17	152321.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	152,321.37	-
	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification THIRD FLOOR	Sqm	39.80	3832.01	152514.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	152,514.00	-
130	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegments, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame GROUND FLOOR	Mtr	45.60	544.32	24820.99	64.70	45.60	24820.99	11.40	6205.25	31026.24	7.70	598.75	4,610.39	35,636.63	-	10,815.64
131	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegments, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame FIRST FLOOR	Mtr	45.60	550.37	25096.87	75.10	45.60	25096.87	11.40	6274.22	31371.09	18.10	624.65	11,306.14	42,677.23	-	17,580.36
132	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegments, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame SECOND FLOOR	Mtr	45.60	556.42	25372.75	64.70	45.60	25372.75	11.40	6343.19	31715.94	7.70	623.92	4,804.20	36,520.14	-	11,147.39
133	Providing and fixing 65mmx90mm GRP Doorframe fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegments, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame THIRD FLOOR	Mtr	45.60	562.46	25648.18	63.10	45.60	25648.18	11.40	6412.04	32060.22	5.10	624.33	3,908.40	35,868.62	-	10,220.45
134	Providing and fixing factory made single leaf rigid ORP Sandwich composite door shutter of 32mm thick, laminated with two ORP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 25mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural (BOUND) FLo s di	Sqm	12.00	3628.80	43545.60	19.43	12.00	43545.68	3.00	10886.40	54432.00	4.43	4253.57	18,852.19	73,284.19	-	29,738.59
135	Providing and fixing factory made single leaf rigid ORP Sandwich composite door shutter of 32mm thick, laminated with two ORP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 25mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural (BOUND) FLo s di	Sqm	12.00	3633.64	43603.68	19.43	12.00	43603.68	3.00	10900.92	54504.60	4.43	4263.20	18,974.37	73,479.17	-	29,875.48

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	ural fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The ss of the skins shall not be less than 1 5mm. Expanded Polystyrene (EPS) structural foam panel of ness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of d Salwood block of cross section not less than 28mmx32mm and also necessary salwood cements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A at SECOND FLOOR	Sqm	12	3638.48	43661.76	19.43	12.00	43661.76	5.00	10915.44	54577.20	4.43	4266.33	18,899.82	73,477.02	-	29,815.26
	ng and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, ed with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and er of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The ess of the skins shall not be less than 1 5mm. Expanded Polystyrene (EPS) structural foam panel of thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of ded Salwood block of cross section not less than 28mmx32mm and also necessary salwood cements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A ural THIRD FLOOR	Sqm	12	3652.99	43835.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4047.72	-	-	43,835.88	-
	ding & fixing of 3track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL- 9) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile ugh-out the window frame. The outer frame havinga overall size of 108mm width x 45mmheight with forcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm mesh sash of size 30mm x 48 5mm. Glazing bead for fixing of glass shall be of size 20mm x 24 mm. dows shall be provided with 5mm plain float glass, standard hardware& single point locking system with ch lock. Wall thickness of frame & sash shall be of 2mm-2 5mm. Maximum possible size – 2419mm x 19mm	Sqm	300 3	6864.48	2061403.34	334.80	300.30	2061403.34	34.50	236824.56	2298227.90	0.00	0.00	-	2,298,227.90	-	236,824.56
	viding & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) ections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead ee with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out e ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for ixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm	Sqm	36 9	4393 27	162111.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	162,111.66	-
	Providing and fixing M.S grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S square rods, or combination of M.S flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7 12 (Considered 18 Kg/sqm)	Kgs	9849 6	114.91	1131817.54	1432 1.48	9849.60	1131817.54	2462.40	282954.38	1414771.92	2909.48	117.04	235,188.95	1,649,960.87	-	518,143.34
	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7 5cms openings at 10 cms c to c applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specifications.	Sqm	9 6	6302 02	60499.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	60,499.39	-
	Providing and fixing Stainless steel 304 Grade for staircase railing, Balconys Ramps with hand rails 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1 20m regular intervals, and 5 Nos of 25mm dia Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc , complete including cost of materials, labour, HOM of machineries and electrical charges etc , complete as per specification)	Sqm	79 2	7283.00	576813.60	90.36	79.20	576813.60	11.16	81278.28	658091.88	0.00	0.00	-	658,091.88	-	81,278.28
3	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeeding holdfast in cement concrete 1 3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m including cost of materials, labour charges, complete as per specifications	Nos	66	1652.31	109052.46	88.00	66.00	109052.46	16.50	27263.12	136315.58	5.50	1829.52	10,062.36	146,377.94	-	37,325.48
14	Fixtures-Providing and fixing fixtures for Door including screws etc , complete as per specification and as per the directions by the Engineer in charge a)Chromium plated Brass butt hinges (heavy) type 75x65x4 mm weighing not less than 200gms. Main Doors, -1 5x 2 4m upto 2 4x 2 4m size	Nos	396	112.00	44352.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	44,352.00	-
45	a)Chromium plated Brass butt hinges (heavy) type 75x65x4 mm weighing not less than 200gms Main Entrance door Teak	Nos	6	112.00	672.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	672.00	-
46	b)Chromium plated Brass handles 125 mm with plate 175 x32 mm For all doors	Nos	132	196.00	25872.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	25,872.00	-
147	c)Chromium plated Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles For all doors	Nos	66	554.40	36590.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	36,590.40	-
148	d)Brass tower bolt (barrel type) 250x10 mm. For all doors	Nos	132	280.00	36960.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	36,960.00	-
149	d)Brass tower bolt (barrel type) 250x10 mm For all main doors	Nos	8	280.00	2240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,240.00	-
150	e)Brass tower bolt (barrel type) 150x10 mm	Nos	66	168.00	11088.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	11,088.00	-
151	f)Chromium plated Brass screws 20 mm	Nos	3960	1 90	7524.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	7,524.00	-
152	g)Door closure heavy duty floor mounting	Nos	8	1004.64	8037.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,037.12	-
153	supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1 25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Home wood, styles of 80 mm thick with lock rail of 160 mm, width, top and side rails of 100 mm width	Sqm	6 3	3892 82	24461.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	24,461.77	-
154	Extra for providing vision panel not exceeding 0 1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) 9 2 4 1 Rectangular or square (cost of 1 sqm)	Sqm	96 6	182 11	17591 83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	17,591.83	-

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	fabricating and fixing of stick type structure glazing using Alluminium Extrusions of 63.5 mm x 2.25 mm of 1.73 kgs/mtr for Vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported ue hued coated ocean blue raw glass with all necessary accessories like ultra glass Silicon sealant ip, Masking tape, Galvanized Anchour bolt, machine screws, 6mm thick M.S. angle 50mm x mm M.S. Galvanized L Brackets, structural sealant setting clocks, fasteners, wall connection etc.,	Sqm	40.5	8047.47	325922.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	325,922.54	-
	ding and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight & Reverse walls & columns/beams with necessary aluminium frame works at required level made out of Anchem C section or equalent. The panel should consist of 2.5 mm thermoplastic core of antitoxic LDPE ed between 0.25 skins thick aluminium sheet making a total panel thickness of 3mm. The surfaces ll be finished with PVDF based coating on topsides and service coating on raverse sides would be in Powder paint. The system shall be fixed using OI brackets, aluminium L cleats and stainless steel bolts and s complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using ather sealant of Dow Corning 789 with necessary rods etc., complete	Sqm	28	4765.82	133442.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	133,442.96	-
	owing and laying cement concrete using 20 mm and down size granite jelly of Ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibratng, curing, finishing with ecessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel, fabrication charges nd plastering)	Cum	15.21	7105.43	108073.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	108,073.59	-
	rowding and removing centering, shuttering, struttang, propping etc., and removal of form work for ertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications	Sqm	81.18	433.04	35154.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	35,154.19	-
	Providing and removing centering, shuttering, struttang, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications	Sqm	17.74	483.84	8583.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,583.32	-
	Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications	Sqm	83.66	6.05	506.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	506.14	-
	Providing and fixing Sump cover of size 610X455mm of 38kg weight including with all lead & lift, loading & unloading, cost of materials and other incidental charges etc., complete as per specification and as per the directions by the Engineer in charge of the work	Each	2	2562.71	5125.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	5,125.42	-
2	Providing 20mm square PVC Encapsulated SS Rungs and fixing in sump with M10 cement concrete block of 20*20*10 cms, using 20mm and down size metal of size including cost of materials, labour charges,curing etc complete	Each	6	374.98	2249.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,249.88	-
63	Provision of 1 H.P./.75 KW ATLANTA / SUGUNA /CRI/KIRLOSKAR/and other equivalent Single phase (openwell) submersible pump for Sump tank - single phase	Each	2	11067.84	22135.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	22,135.68	-
164	Geophysical investigation of site for sinking Bore - well for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by adopting Veneer on Schlumbergers method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality quantity & accept - ability of the users indicating the location site, recommended depth of casing pipe required to seal the top unconsolidated formation, including an extra depth of 1.0 mtrs in consolidated formation for proper seating of casting depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personnel and labour required etc	Each	1	4220.16	4220.16	1.00	1.00	4220.16	0.00	0.00	4220.16	0.00	0.00	-	4,220.16	-	-
165	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSI03 and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc 2.1 - 0.00 to 50.00 mtrs	Each	50	388.64	19432.00	50.00	50.00	19432.00	0.00	0.00	19432.00	0.00	0.00	-	19,432.00	-	-
166	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSI03 and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc 2.2 - 50.00 to 100.00mtrs	Each	50	495.04	24752.00	50.00	50.00	24752.00	0.00	0.00	24752.00	0.00	0.00	-	24,752.00	-	-
167	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSI03 and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc 2.3 - 100.00 to 150.00 mtrs	Each	50	510.72	25536.00	50.00	50.00	25536.00	0.00	0.00	25536.00	0.00	0.00	-	25,536.00	-	-
168	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSI03 and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc 2.4 - 150.00 to 200.00 mtrs	Each	50	600.32	30016.00	50.00	50.00	30016.00	0.00	0.00	30016.00	0.00	0.00	-	30,016.00	-	-
169	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSI03 and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc 2.5 - 200.00 to 250.00 mtrs	Each	50	710.08	35504.00	50.00	50.00	35504.00	0.00	0.00	35504.00	0.00	0.00	-	35,504.00	-	-

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	Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & consumables etc., complete including yield testing and the final depth with a minimum working hour cost hour (excluding cost of casting pipes, collars and cap etc. 2.6 - 250.00 00 mtrs	Each	50	784.00	39200.00	50.00	50.00	39200.00	0.00	0.00	39200.00	0.00	0.00	-	39,200.00	-	-
	Supply of ISI mark 175 mm nominal bore, plain end steel casing pipe grade of steel Fe 410 of wall thickness 8mm thick confirming to IS 4270.2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket confirmming to IS 4270.2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty	Each	30	1508.36	45250.80	30.00	30.00	45250.80	0.00	0.00	45250.80	0.00	0.00	-	45,250.80	-	-
172	Providing and fixing 175mm dia borewell cap medium class(MR)	Nos	1	115.36	115.36	1.00	1.00	115.36	0.00	0.00	115.36	0.00	0.00	-	115.36	-	-
173	M.S. Casing pipe collars "B" class (MR)	Nos	5	173.04	865.20	5.00	5.00	865.20	0.00	0.00	865.20	0.00	0.00	-	865.20	-	-
174	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dia and having declared duty conditions as detailed below nd satisfying performance characteristic for pump and motar as declared by Bureau of Indian Standards. The pump should confirm to IS 928 / 55 (with all its latest amendments) and should bear the ISI certification mark is 928/55. The pumpset should consist of bronze impellers, Discharge 750 lph, Head L102.88 mts 10HP /7.5KW 20 Stage. ATLANTA,Suguna, CRI, Kirloskar or other equivalent pumps	Nos	1	57628.09	57628.09	1.00	1.00	57628.09	0.00	0.00	57628.09	0.00	0.00	-	57,628.09	-	-
175	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 -3C X 6.0Sq mm	Nos	300	229.60	68880.00	300.00	300.00	68880.00	0.00	0.00	68880.00	0.00	0.00	-	68,880.00	-	-
176	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. (Necessary G I Pipe and specials will be supplied by the board at the site free of cost)CE (M) BWSSB, Letter No.BWSSB/CE(M)ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09)	Nos	1	3460.80	3460.80	1.00	1.00	3460.80	0.00	0.00	3460.80	0.00	0.00	-	3,460.80	-	-
177	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. 50 mm dia	Nos	2	254.02	508.04	2.00	2.00	508.04	0.00	0.00	508.04	0.00	0.00	-	508.04	-	-
178	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor - Above 12.5 HP upto 25 HP	Nos	1	8960.00	8960.00	1.00	1.00	8960.00	0.00	0.00	8960.00	0.00	0.00	-	8,960.00	-	-
179	Erection of single phase preventer / ammeters / including fixing selector switch / voltmeter / current operated earth leakage circuit breakers / voltage operated circuit breaker / above 100A fuse channel set (3 Nos) HRC fuses above 100A (3 Nos.) / Digital ammeter/digital volt meter/set of 3 indicating lamps /MCB / Relays /A-V selector switches including wiring using suitable capacity wires, bolts, nuts,screws.	Nos	1	175.84	175.84	1.00	1.00	175.84	0.00	0.00	175.84	0.00	0.00	-	175.84	-	-
180	Fabricating, supplying and mounting MS box made out of 18 SWG suitable for floor/ wall mounting, fully weather proof with provision for better heat dissipation provided with hinged front cover with with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7 Tanks Treatment wit powder coat ed paint & finaly finished with approved colour & etc	Nos	30000	0.34	10200.00	30000.00	30000.00	10200.00	0.00	0.00	10200.00	0.00	0.00	-	10,200.00	-	-
181	Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required - 40 to 63 amps triple pole	Nos	1	758.24	758.24	1.00	1.00	758.24	0.00	0.00	758.24	0.00	0.00	-	758.24	-	-
182	Supplying andrunning of GI copper strip or grounding connection using necessary fixing material required 600x600x3mm GI plate	Nos	1	851.20	851.20	1.00	1.00	851.20	0.00	0.00	851.20	0.00	0.00	-	851.20	-	-
183	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden /panel using necessary nuts bolts and washer etc., complete	Nos	3	134.40	403.20	3.00	3.00	403.20	0.00	0.00	403.20	0.00	0.00	-	403.20	-	-
184	Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete s per specifications. Specification No KBS 13.2.6/ 13.3	Nos	1	2103.49	2103.49	1.00	1.00	2103.49	0.00	0.00	2103.49	0.00	0.00	-	2,103.49	-	-
185	Supplying and laying of L.T.U.G cable having aluminium conductor PVC insulated sheathed galvanised steel wire/steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 Sqmm PVC cable	Nos	25	168.00	4200.00	1.00	1.00	168.00	0.00	0.00	168.00	0.00	0.00	-	168.00	4,032.00	-
186	Labour charges for Laying of 1.1 KV Class UG cable 6 Sqmm to 16 sqmm (KPWD Elec SR 2019-20 Pg no 61 sl no.7.8.1	Nos	25	13.31	332.75	25.00	25.00	332.75	0.00	0.00	332.75	0.00	0.00	-	332.75	-	-
187	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete complete as per specifications and direction of the Engineer-in-Charge	Nos	20	85.12	1702.40	20.00	20.00	1702.40	0.00	0.00	1702.40	0.00	0.00	-	1,702.40	-	-
188	Supplying and fixing Class-A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 65mm	Nos	10	632.80	6328.00	10.00	10.00	6328.00	0.00	0.00	6328.00	0.00	0.00	-	6,328.00	-	-
189	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound complete With terminals, clamps, bolts nuts and washers etc complete for 16 Sqmm as per specification	Each	1	302.40	302.40	1.00	1.00	302.40	0.00	0.00	302.40	0.00	0.00	-	302.40	-	-
190	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specification spacification No KBS 2.1(b) / 2.3.5	Cum	15.75	517.97	8158.03	15.75	15.75	8158.03	0.00	0.00	8158.03	0.00	0.00	-	8,158.03	-	-
191	Providing and Installing at site work P.V.C Including cost of pipe and specials and Labour, including lowering into trenches, laying true to line level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe allround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., Complete, PVC pipes 63mmdia of 6kg/cm2 PRED/ SR Page No 15 item no 3.4.2	Cum	35	129.20	4522.00	35.00	35.00	4522.00	0.00	0.00	4522.00	0.00	0.00	-	4,522.00	-	-
192	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5 m including cost of all labour complete as per specifications	Cum	11.81	139.59	1648.56	11.81	11.81	1648.56	0.00	0.00	1648.56	0.00	0.00	-	1,648.56	-	-

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	and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral ireats, 100mm S or P trap, 10 litre low level, P V C flushing cistern (all are approved make) with C I / M S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special squito proof coupling of approved design, painting of fittings and brackets, cutting and making ll and floor wherever required, including cost of materials, labour complete as per specifications.	Each	8	5109.35	40874.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	40,874.80	-
	ding and fixing white vitreous china clay, water closet Eurcpean type (Pedestal type, P-trap) with black plastic seat and lid, C P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are oved make) with fittings, C I / M S brackets, 40mm diameter flush bend with fittings and clamps, overflow angements with special and 25mm mosquito proof coupling of approved design, painting of fittings and ckets, cutting and making good the wall and floor wherever required, including cost of materials, labour plete as per specifications.	Each	20	5994.78	119895.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	119,895.60	-
	viding and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm with ttron P V C automatic flushing cistern, C I / M S brackets, standard flush pipe and C P brass spreaders with ss unions and G I. clamps C I dtrap with outlet grating and other couplings in C P brass, painting of fittings d brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour mplete as per specifications.	Each	16	6017.76	96284.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	96,284.16	-
	oviding and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with single 15mm P brass pillar tap with single elbow operated lever, C I / M.S brackets, 32 mm C.P brass waste of standard attern, painting of fittings and brackets, cutting and making good the wall and floor wher ever required, ncluding cost of materials, labour complete as per specifications.	Each	2	4937.59	9875.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	9,875.18	-
	roviding & fixing Stainless steel Kitchen sink of Size 400x915 mm bowl depth 160 mm with drain board, MS CI bracket, Stainless steel plug 40 mm, painting of Fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Each	2	7806.76	15613.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	15,613.52	-
	Providing and fixing 600x450mm Bevellaed edge mirror of superior glass with 6mm thick hard board backing and fixed wooden cleats with CP screws, washers, including cost of materials, labour complete as per specifications.	Each	34	1399.51	47583.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	47,583.34	-
	Providing and fixing C P brass towel rail 600 mm length 20 mm with C P bracket fixed to wooden cleats with CP brass screws, washers, including cost of materials, labour complete as per specifications.	Each	16	815.27	13044.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	13,044.32	-
	Providing & fixing CI Nahani trap of approved make confirming to ISI specification and construction of cistren in M 15 as per directions	Each	35	302.40	10584.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	10,584.00	-
	Providing and fixing CP Health faucet with flexible hose,CP Angle valve, wall flange, supporting hook with screws, fixing materials and sealant to all sides of wall flange complete.	Each	20	1008.00	20160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	20,160.00	-
	Providing and fixing in position C P soap dish with pair of fixing screws and fixing material complete	Each	12	483.84	5806.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	5,806.08	-
3	Providing and fixing in position Brass bib cock of approved quality 20 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	18	209.26	3766.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	3,766.68	-
04	Providing and fixing in position brass Stop cock of approved quality 20 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	36	170.55	6139.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	6,139.80	-
05	Providing and fixing in un plasticised PVC Connection pipe with brass union 15 mm nominal bore 450 mm length of PVC connection including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications.	Each	32	319.33	10218.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	10,218.56	-
06	Providing and fixing in position 25 mm nominal bore gun metal non return valve horizantal type of approved make including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications	Each	1	710.04	710.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	710.04	-
207	Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications a) 63 mm dia	Mtr	60	449.97	26998.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	26,998.20	-
208	Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. b) 75 mm dia	Mtr	120	514.08	61689.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	61,689.60	-
209	Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications c) 90 mm dia	Mtr	300	602.38	180714.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	180,714.00	-
210	Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications d)110 mm dia	Mtr	300	719.71	215913.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	215,913.00	-
211	Providing & Fixing in position heavy duty C P grating with frame of below mentioned sizes including jointing and fixing material complete	Each	22	181.44	3991.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	3,991.68	-
212	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing the pipes with the clamp at 1.00 mtr spacing This includes joining of pipes fittings with one set of cpvc solvent cement and testing of jouts complete (Internal works) (Concealed work including cutting chases and good the walls etc) - A)15mm dia pipe nominal OD pipes (13.86 t)	Mtr	60	249.18	14950.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	14,950.80	-
213	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conformuig to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing the pipes with the clamp at 1.00 mtr spacing This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc) - A)15mm dia pipe nominal OD pipes (13.86 t)	Mtr	160	284.26	45481.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	45,481.60	-
214	Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications a) of 20mm dia	Each	12	406.43	4877.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	4,877.16	-
215	Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications b) of 25mm dia	Each	3	543.11	1629.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,629.33	-

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	cost of all materials, labour and HOM of equipments with all leads complete as per specifications.																
	ng and fixing in position brass gate valve with C I wheel of approved quality (screwed end) NB cost of all materials, labour and HOM of equipments with all leads complete as per specifications. d)	Each	2	2103.49	4206.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,007.94	-
	ng and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, fixing cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 500 litre capacity)	Ltr	4	8259.15	33036.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	4,206.98	-
	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) - 15mm dia pipe nominal OD pipes	Mtr	5	152.41	762.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	33,036.60	-
9	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) - 20mm dia pipe nominal OD pipes	Mtr	50	176.60	8830.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	762.05	-
11	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepapes with the clamp at This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) - 25mm dia pipe nominal OD pipes	Mtr	150	216.52	32478.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,830.00	-
22	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) - 32mm dia pipe nominal OD pipes	Mtr	150	273.37	41005.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	32,478.00	-
23	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing thepipes with the clamp at This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) - 50mm dia pipe nominal OD pipes	Mtr	150	522.55	78382.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	41,005.50	-
224	Providing and fixing unplastised PVC Pipes 10 Kg/Sq Cm working pressure Chemp plast/ Wavin or equavalent make with pipe fittings making good the floor, including cost of materials, labour charges, HOM of equipement & testing complete as per specifications - a)90 mm outer Dia	Mtr	60	521.34	31280.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	78,382.50	-
225	Providing and fixing unplastised PVC Pipes 10 Kg/Sq Cm working pressure Chemp plast/ Wavin or equavalent make with pipe fittings making good the floor, including cost of materials, labour charges, HOM of equipement & testing complete as per specifications - b)110 mm outer Dia	Mtr	60	733.02	43981.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	31,280.40	-
226	Providing and fixing unplastised PVC Pipes 10 Kg/Sq Cm working pressure Chemp plast/ Wavin or equavalent make with pipe fittings making good the floor, including cost of materials, labour charges, HOM of equipement & testing complete as per specifications - c)160 mm outer Dia	Mtr	50	1514.42	75721.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	43,981.20	-
227	Providing stone ware gully trap of approved quality and fixing in C C 1:2:4 and plastering with C M 1:3 where ever necessary (Rate including cost of all materials, fixtures and lead)	Each	6	338.69	2032.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	75,721.00	-
228	Constructing brick masonry inspection chamber 600 x 600 mm , and 450 mm depth, (clear dimension) for single pipeline, using table moulded non- modular bricks of class designation 50 in cement mortar 1:5, C I cover with frame (light duty) 600x600 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications	Each	2	2103.49	4206.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,007.94	-
229	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C I cover with frame (light duty) 450x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications	Each	4	6410.88	25643.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,410.88	-
230	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C I cover with frame (light duty) 450x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications	Each	12	881.80	10581.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	25,643.52	-
231	Constructing brick masonry inspection chamber 500x700mm, and 450mm depth, (clear inside dimension) for pipeline with one are two inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C I cover with frame (light duty) 450x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications	Each	1	9528.02	9528.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	10,581.60	-
232	Extra for item no. KSOR 12.8.2 depth beyond 450 mm and brick masonry chamber with table moulded non modular bricks of class designation 50 in cement mortar 1:5 for every 150 mm depth or part there of including cost of materials, labour charges, curing complete as per specifications	Each	1	980.99	980.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	9,528.02	-

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	all bores in brick masonry walls up to 0.45 Cm Thick Including cost materials, labours, HOM e as per Specification	Each	12	152.41	1828.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,828.92	-
	wall bores in Stone masonry walls up to 0.60 to 90 Cm Thick Including cost materials, labours, HOM ete as per Specification	Each	5	397.96	1989.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,989.80	-
	Fixing on wall surface 4.0 Kg/sqcm HDPE rain down water pipes 110 mm outer dia approved and with necessary specials like shoes, bends, and offsets fixed with iron clamps, wall plugs including cost of materials, labour, curing complete as per specifications	Mtr	120	619.32	74318.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	74,318.40	-
	tion of 3 Phase, 11kV/433 V, 100 kVA BEE - 4/5 Star Rated Distribution Transformer Centre Using 9 RCC Pole DPTS	Nos	1	275997.12	275997.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	275,997.12	-
	1 kV HT Metering cubicle of different CT Ratio, Both side cable entry type with 3 CT & 3 PT, With Transparent Cover TTB, with 30x8 mm Copper Busbar, Modem & 2 No of Meters for 3 Phase 4 Wire Metering without Load Break Switch (HT Metering Box Fabricated out of 3 mm MS Sheet duly epoxy powder coated) as per revised Specification (Dwg No BESCOM/GM/QS&S/... Dtd 24.11.2018)	Nos	1	210887.04	210887.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	210,887.04	-
	Supplying,erecting,testing & commissioning of 50 KVA/40 kw Diesel Generator set on existing CC platform comprising of Diesel Engine developing BHP @ 1500RPM confirming to BS 5514.The engine should be turbocharged, Air/water cooled with 10% over load for 1hour in every 12 hours of operation coupled to suitable capacity alternator rated at 415V , 0.8PF Lag 50Hz, 3Phase , 4wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type, screen protected, revolving field, mounted on suitable channel iron base frame, complete with suitable capacity fuel tank, required nos. of batteries of 12/24V as per requirement , Acoustic enclosure as per CPCB approved norms 500kVA/400kW As per	Set	1	538384.00	538384.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	538,384.00	-
	Supplying erection, testing and commissioning of 11kV Load Break Switch with 4 wire - (3 PT and 3 CT with Neutral) Metering cubicle and connected accessories, hardware's etc. suitable for outdoor type complete as per latest IS standard and ESCOM approved technical specification. Metering cubicle with LBS.	Nos	1	323263.25	323263.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	323,263.25	-
	Supplying and fixing of LT Wiring kit as per standard technical specification as per ESCOM	Set	1	4757.98	4757.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	4,757.98	-
	LT Distribution Box suitable for 63/100 KVA Transformer with 1No 160Amps 25kA 4Pole MCCB, suitable capacity Aluminium bus bar mounted in 16SWG powder coated M.S.Box suitable to mount at Transformer Centre as per ESCOM.	Nos	1	18456.59	18456.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	18,456.59	-
2	Construction of platform with size stone, cement concret for erectionof 250 KVA Transformers/ Heavy Equipment Construction of platform (1.5X 1.5 X1.52) mtr in size stone, for erection of Transformers/Heavy equipment including all materials, labour Excavation of (1.5 X 1.5 x1.5)mt pit for foundation providing and laying cement concrete 1:4:8 for foundation laid in 1 cm thick layers, well compacted curing etc , complete providing and construction of stone masonary 0.9m below ground level and 1.2m above ground level neatly hammer dressed in cement mortor 1:6 cutting complete providing pointing to stone masonary in cement morter 1:3 after racking joint & nicely lining curing etc , plastering the concrete surfaces in cement mortor 1:4 including smooth rendering curing etc , curing at every stages completely	Set	2	29569.12	59138.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	59,138.24	-
43	Earth work excavation for cable trench of 0.5 to 0.75 Mtr. Width and Depth upto 1 Mtr including trial pits, depositing on bank upto a lead of 50 Mtr, Supplying and Displaying necessary Danger Boards and Lighting, Using sight Rails and Sign Boards at every 100 Mtr wherever necessary as directed. - In hard soil	Cum	22.5	253.12	5695.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	5,695.20	-
244	Supplying and spreading of jelly of 30mm nominal size with 100 mm thick in the area of metering cubicle and transformer sub station	Cum	22.5	1320.19	29704.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	29,704.28	-
245	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) with 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including	Cum	43.2	1039.05	44886.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	44,886.96	-
246	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications	Sqm	37.8	864.86	32691.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	32,691.71	-
247	Supplying of four bucket stand along with buckets Complete	Each	2	1295.48	2590.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,590.96	-
248	Supplying of Two bucket stand along with buckets Complete	Each	2	681.00	1362.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,362.00	-
249	Supplying of first aid box. Complete	Each	2	232.24	464.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	464.48	-
250	Supplying of FIRST AID CHART with lamination Complete	Each	2	243.13	486.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	486.26	-
251	Supplying and installation of RUBBER MAT 1mtr x 1mtr -10mm thick complete including cost of materials, labour, HOM complete as perspecifications	Nos	2	1193.88	2387.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,387.76	-
252	Providing 6kg Fire Extinguisher Mono Ammonium Phosphate Powder 50, Stored Pressure Type, Pressure Gauge, Gross Weight 9.5 kg, empty weight 3.5 Kg, Can Height 435MM, Diameter 160MM, Discharge Time less than 9 Secs, Controllable discharge mechanism (Squeeze grip with easy snap safety seal), Range minimum 4 meters, applicable on Class A,B,C and electrically started Fire, A Rating 3A, B Rating 21B, Can construction Deep drawn & Co., Mig welded, valve Construction Forging and Mechanism, Internal Coating of Can Epoxy powder coating, External Coating of Can Epoxy Polyster power coating, Sheet metal thickness 1.60MM, Helium Leak Detection Tested, ISI and EN Approved, 5 years Warranty with instalert system with Superior quality EPDM Rubber Hoseppe etc., including cost of materials, labour, HOM complete as per specifications complete (Near Staircase landing + Carparking)	Nos	4	7038.66	28154.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	28,154.64	-
253	Providing x Escape Signage Photoluminescent rigid plastic 2 mm thickness, Printed on High Quality glass paint with UV resistance,5 years warranty, Material Used - Non Radioactive, non-phosphorous,non toxic and lead free Available in different types & sizes, Time after removing the light source (in minutes) 60 minutes, Luminescent intensity (millicandelas * per square meter - mcd/sqm) 30 mcd/sqm Luminescent Intensity greater than 0.32 mcd/sqm Period of Light Decay* (In Minutes) 3100, including cost of materials, labour HOM complete as per specifications	Sqm	5000	1.21	6050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	6,050.00	-

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XLPE Ufg CABLE Supplying and laying of high tension 11KV Cable, dry curing & dry cooling triple extrusion, simaultaneously through sigle common head, 3 core under ground XLPE(E) cable stranded compact circuler Al Conductor, screened insulated, insulation screened with extrueded curing compound in combination with copper tape, core laid up extruded inner sheathed of GI Flat and 7 over all PVC sheathed with specified IS 7098/11/85 with latest amendments & confirming to Of Group-A	Sqm	45	1164.80	52416.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	52,416.00	-
able Jounts Supply and making 11KV (E) Extruted "X" Linked for tubing & moulded and cross components using heat shrinked stress control tube having high permittivity XLPE terminations - R & OUTDOOR JOINTING KIT confirming to the GTP - Out door type - 3CX95/120 Sqmm (Unit-	Unit	2	11037.60	22075.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	22,075.20	-
Cable Jounts Supply and making 11KV (E) Extruted "X" Linked for tubing & moulded and cross components using heat shrinked stress control tube having high permittivity XLPE terminations - R & OUTDOOR JOINTING KIT confirming to the GTP - Indoor type - 3CX95/120 Sqmm (Unit-Kit)	Unit	6	9143.68	54862.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	54,862.08	-
ring of following sizes of LT UG cable having aluminium conductor XLPE insulated,PVC sheathed, rmall served galvanised, steel wire, steel tape armoured cable with PVC outer sheathing 1.1KV class rming to IS 1554/in built up trench	Mtr	55	672.00	36960.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	36,960.00	-
n charges for laying of 1.1 KVclass UG cable when supplied agency in existing trench GI pipe / ware pipe / on wall/ on pole as required	Mtr	55	23.52	1293.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,293.60	-
lying and fixing of heavy duty cable glands suitable for UG cable of 1.1 Kvclass	Nos	4	555.52	2222.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,222.08	-
slying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia m thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the h electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm ound with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the ctrode is to be established through GI strip using GI bolts and nuts GI pipe earthing make-TA/GENITH,JINDAL	Nos	14	4648.00	65072.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	65,072.00	-
pplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as quired	Mtr	115	84.00	9660.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	9,660.00	-
upply, Erection, testing and commissioning of AMF panel suitable for 62.5 KVA DG set. The panel is of ubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminum ba Bar with the accommodation for ... amps 4 pole contactor for alternator with thermal O/L relay, ... Amps i pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, . capacity bypass switch and frequency sensing, PCC 1301 controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ KVA, Running-hour count, No of starts, Fault indication, over /under speed, Fails to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMF module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility	Each	1	100240.00	100240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	100,240.00	-
Main Distribution Panel a)Supplying of 200A On load Change over switches 4 poles AC - 23A duty , 415 , 50 HZ with all accessories	Each	1	15344.00	15344.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	15,344.00	-
4 Main Distribution Panel b)Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947 (Ics = Ics) FOUR POLE	Each	1	18032.00	18032.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	18,032.00	-
65 Main Distribution Panel c)Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of pecentage leakage current, programable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board	Each	1	8624.00	8624.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,624.00	-
266 Main Distribution Panel d)Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH, KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy	Each	1	8680.00	8680.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,680.00	-
267 Main Distribution Panel e)Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer Class 0.5 accuracy with Tape Wound.	Each	3	524.16	1572.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,572.48	-
268 Main Distribution Panel f)Supplying, fixing of LED type panel board indicating lamp with required colour suitable for 220VA C 50HZ 12/24V DC	Each	3	481.60	1444.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,444.80	-
269 Main Distribution Panel g)Supplying 250A rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve , mounted on phenolic /FRP/ DMC insulator which are mounted on powder coated 40*6mm shall have suitable holes for termination of incmoing and outgoing cables as per IS specifications with necessary bolts ,nuts and washer etc 4P ALUPHUS BAR	Each	6	3192.00	19152.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	19,152.00	-
270 Main Distribution Panel h)SSupplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947 (Ics = Ics) -100Amps 4Pole 25kA	Each	2	7168.00	14336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	14,336.00	-
271 Main Distribution Panel h)SSupplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947 (Ics = Ics) -125Amps 4Pole 25kA	Each	1	9240.00	9240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	9,240.00	-

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	j)Supplying and fixing miniature circuit Distribution Panel on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator of energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required wiring to IEC 60898.	Each	12	1920.80	23049.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	26,946.40	-
	k)Supplying ,fixing and wiring heavy duty Distribution Panel voltage capacitors conforming to IS 2834 3 phase, 400/440 volts grade, for power factor improvement of ing machineries like induction motor. Cost per KVAR.	Each	10	448.00	4480.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	23,049.60	-
	l)Supplying and fixing angle iron frame Distribution Panel work fabricated out of M.S angle iron and M.S flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.	Each	25	515.20	12880.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	4,480.00	-
	m)Fabricating supplying and mounting Main Distribution Panel MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover,equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc , complete	Each	165000	0.45	74250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	12,880.00	-
	n)Supplying and fixing hylum brand hand Main Distribution Panel plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc and fixing on existing wood or metal box using N.F screws.	Each	50000	0.27	13500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	74,250.00	-
	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, copper conductor flexible multistrand FRLS PVC insulated, 2x 1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block complete for each outlet. a) Short point upto 3 0M from tapping point to outlet via switch box	Point	220	224.00	49280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	13,500.00	-
	b) Medium point above 3 0M upto 6 0M from tapping point to outlet via switch box	Point	196	308.00	60368.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	49,280.00	-
	c) Long point above 6 0M upto 10 0M from tapping point to outlet via switch box	Point	260	448.00	116480.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	60,368.00	-
	d) Two outlet in a row, above 3 0M upto 6 0M from tapping point to outlet via switch box	Point	48	588.00	28224.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	116,480.00	-
	e) Three outlet in a row, above 6 0M upto 10 0M from tapping point to outlet via switch box	Point	8	840.00	6720.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	28,224.00	-
	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates The box should be firmly flush mounted after due groove cutting in Brick/Stone/C Cwall - a)1-3Way	Each	168	106.40	17875.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	6,720.00	-
	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates The box should be firmly flush mounted after due groove cutting in Brick/Stone/C Cwall - b)6 Way	Each	140	140.00	19600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	17,875.20	-
	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates The box should be firmly flush mounted after due groove cutting in Brick/Stone/C Cwall - c) 8Way	Each	96	162.40	15590.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	19,600.00	-
	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates The box should be firmly flush mounted after due groove cutting in Brick/Stone/C Cwall - d) 10-12Way	Each	128	184.80	23654.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	15,590.40	-
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. - a)1 Module	Each	168	123.20	20697.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	23,654.40	-
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. - b)6 Module	Each	140	196.00	27440.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	20,697.60	-
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc , complete on the existing metal/PVC box. - c)8 Module	Each	96	224.00	21504.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	27,440.00	-
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc , complete on the existing metal/PVC box. - d) 10-12Module	Each	128	257.60	32972.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	21,504.00	-
	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - a) 6Amps one Way	Each	672	78.40	52684.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	32,972.80	-
	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - b) 6Amps Two way	Each	12	106.40	1276.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	52,684.80	-
	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - c) 6Amps 3way socket	Each	135	117.60	15876.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,276.80	-
	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - d) Steeped fan Regulator	Each	225	324.80	73080.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	15,876.00	-
	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - e) 16Amps one way switch	Each	40	128.80	5152.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	73,080.00	-
	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - f) 6Amps Bell push	Each	2	107.52	215.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	5,152.00	-
	Supplying and fixing of modular switch/socket stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - g) 6/16Amps universal socket	Each	40	181.44	7257.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	215.04	-
	Supplying and fixing of modular switch/socket stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 - h) TV Telephone socket	Each	12	88.48	1061.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	7,257.60	-
	Supply and fixing of 6Amps bell buzzer on existing switch board	Each	2	127.68	255.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,061.76	-
	Supplying following size heavy gauge PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends Metal/PVC junction boxes, adhesive paste etc. and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary a) 25mm dia 2mm thick	Mtr	2040	44.80	91392.00	2565.00	2040.00	91392.00	510.00	22848.00	114240.00	15.00	83.78	1,256.64	115,496.64	255.36	-
																-	24,104.64

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following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with ...ize bends, Metal/PVC)junction boxes, adhesive paste etc, and running before concreting the slab. The ...should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes ...ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever ... 25mm dia 2mm thick	Mtr	1560	59.36	92601.60	1550.00	1550.00	92008.00	0.00	0.00	92008.00	0.00	0.00	-	92,008.00	593.60	-
ig following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with ...ize bends, Metal/PVC)junction boxes, adhesive paste etc, and running before concreting the slab. The ...should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes ...e ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever ...y - c) 32mm dia 2.5mm thick	Mtr	340	92.96	31606.40	337.00	337.00	31327.52	0.00	0.00	31327.52	0.00	0.00	-	31,327.52	278.88	-
ng heavy gauge pvc conduit pipe ...dia...mm thick with suitable size bends, metal Junction boxes ...e paste etc..,by groove cutting in the wall and fixing by bracing U & J hooks and Cement plastering ...e wall surface and run with 18 SWG GI fish wire run throughout the conduit where ever necessary. - ...) mm dia 2mm thick	Mtr	1740	57.12	99388.80	1760.00	1740.00	99388.80	20.00	1142.40	100531.20	0.00	0.00	-	100,531.20	-	1,142.40
ng heavy gauge pvc conduit pipe ...dia...mm thick with suitable size bends, metal Junction boxes ...e paste etc..,by groove cutting in the wall and fixing by bracing U & J hooks and Cement plastering ...e wall surface and run with 18 SWG GI fish wire run throughout the conduit where ever necessary. - ...m dia 2mm thick	Mtr	880	60.48	53222.40	880.00	880.00	53222.40	0.00	0.00	53222.40	0.00	0.00	-	53,222.40	-	-
...for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low ...ctor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & ...rming to GTP of Group-A - a) 1.5sqmm	Mtr	2600	22.96	59696.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	59,696.00	-
...g for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low ...ctor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & ...rming to GTP of Group-A - b) 2.5sqmm	Mtr	3300	35.84	118272.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	118,272.00	-
...g for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low ...uctor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & ...irming to GTP of Group-A - c) 4sqmm	Mtr	2250	50.40	113400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	113,400.00	-
...g for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low ...ductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & ...firming to GTP of Group-A - d)6Sqmm	Mtr	450	78.40	35280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	35,280.00	-
...ng for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low ...ductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & ...nfirming to GTP of Group-A - e)10Sqmm	Mtr	350	128.80	45080.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	45,080.00	-
...ring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low ...nductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & ...nfirming to GTP of Group-A. - f) 16sqmm	Mtr	190	210.56	40006.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	40,006.40	-
...upplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required ...clamps, bolts, nuts etc , with provision for fixing suitable type capacity MCB's single phase / 3 phase / single ...door with powder coated painting. Made out of 14 SWG MS enclosure I - Single Door - 8Way SP &N	Each	4	1624.00	6496.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	6,496.00	-
Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required ...clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single ...door with powder coated painting. Made out of 14 SWG MS enclosure I - Single Door - 12Way SP &N	Each	4	2016.00	8064.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,064.00	-

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	and fixing regular MCB distribution boards on wall / wood board / flush mounting using required olts, nuts etc , with provision for fixing suitable type capacity MCB's single phase / 3 phase / single powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door - 6Way TP & N	Each	16	3729.60	59673.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	59,673.60	-
	fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V uoto 300mA on existing wood/panel board. - 63 Amps 4 pole	Each	18	3584.00	64512.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	64,512.00	-
	and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and wiring as required confirming to IEC 60898 - 6-32A SP MCB	Each	125	486.08	60760.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	60,760.00	-
	and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing ds and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and te wiring as required confirming to IEC 60898 - 6-32AMPS DP MCB	Each	18	1018.08	18325.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	18,325.44	-
	and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing ds and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and te wiring as required confirming to IEC 60898 - 6-32AMPS TPN MCB	Each	4	3584.00	14336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	14,336.00	-
	FIXTURES Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input 220-240V 60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect ng under standard electrical condition -LED light fighting 1 x4'- 20/22 w	Nos	200	420.00	84000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	84,000.00	-
	ying and fixing PBBC /bakelite straight or slant batten holder head fitting with GI wire guard , glass with 60/100 watts 230V lamp	Each	45	64.96	2923.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,923.20	-
	lying and fixing of retrofit type PL- LED lamp ..W LED linear source with CCT 6500 degree K CRI efficeancy > 80 lumen per watt life >25000 IEC 60598 LM 79 & LM 80, The LED are driven by HF ronic driver integrated in the system with PF , Power loss should <5% of lamp wattage 2 year warranty st any manufacturing defect working under standard electrical condition	Each	45	392.00	17640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	17,640.00	-
	plying of recess mounting non integral type ..... LED ..... W luminaire comprising of pressure at/extruded aluminum housing, with spring loaded fase ceiling clamps, Power LEDs with CCT 6500 ees K, CRI> 70% efficacy >160 lumen per watt, 120degree beam spread, life> 25000 burning hours and mpliance to IS 10322/IEC 60598, LM 79 & LM 80 The lamp compartment is enclosed with anti glare opal laser which enhances the lighting level LEDs driven by HF electronic driver integrated in a separate control gear assembly , with PF > 0.95, power loss uld < 5% of lamp wattage , short circuit & open circuit protection to be integrated in the circuit, , THD less an 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved d Tested by NABL/ CPRI accredited laboratory with 2 years Warranty against any manufacturing defect rking under standard electrical condition	Nos	22	5824.00	128128.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	128,128.00	-
	upply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp ab Fabricated from Die cast aluminum with white powder coated prewired to mains connector & has wiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition	Each	10	564.48	5644.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	5,644.80	-
	Supplying of 1440rpm heavy duty exhust fan with bracket blades suitable for operate on 230V 50Hz, AC Supply complete - 12" sweep	Each	16	2352.00	37632.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	37,632.00	-
	Supplying capacitor type 48" sweep ceiling fan complete with down rod blades, shackle, canopies etc , for operation on 230 volts, 50 cycles single phase AC supply confirmnf to ISS-374-1979 and with double ball bearing system - Economy Model	Each	150	2340.80	351120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	351,120.00	-
	Supplying capacitor type 48" sweep ceiling fan complete with down rod blades, shackle, canopies etc , for operation on 230 volts, 50 cycles single phase AC supply confirmnf to ISS-374-1979 and with double ball bearing system - Regular Model	Each	5	2382.24	11911.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	11,911.20	-
	Supplying wall mounting fan suitable to operate at single phase 230V AC Supply - 400mm sweep	Each	6	3136.00	18816.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	18,816.00	-
7	Fixing all types and allcapacities fluorescent / false ceiling/spotlight/ LED fittings indoor on the wall/ ceiling/rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required nos of round blocks and clamps (if required)	Each	312	123.20	38438.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	38,438.40	-
28	Fixing a ceiling/Wall mounting fan of all capacities and all types to the existing S hook together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring completely	Each	177	168.00	29736.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	29,736.00	-
329	Supplying and drawing PVC Flexible one pair telephone unarmoured tinned copper cable -2 Pair	Rmt	465	16.24	7551.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	7,551.60	-
330	Supplying and drawing PVC Insulated Gas injected physical Foam jelly floaded co-Axial TV Cable RG-6	Rmt	415	39.20	16268.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	16,268.00	-
331	Supplying & Drawing UTP- CAT 6E LAN Cable	Rmt	490	32.48	15915.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	15,915.20	-
332	Supplying & fixing of network switches	Each	1	39200.00	39200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	39,200.00	-
333	Supplying & fixing of I/O box	Each	12	369.60	4435.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	4,435.20	-
334	Fabricating, supplying and erection of Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 Jo steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom mm top mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc. (excluding foundation) as per drawing appended.	Each	4	10165.12	40660.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	40,660.48	-

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	...supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat ...nal designation). Diffuser with Injection moulded & is made of polycarbonate material with ...ve index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen ...% CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of ...IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & ...Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible ...with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range ...70V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in ...ion at output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. ...ted MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site ...with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED ...>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer ...have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & ...opment facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / ...ossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working ...under standard electrical conditions as mentioned above should be given by L	Each	4	3763.20	15052.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	15,052.80	-
336	Design, supplying, erecting testing and commissioning of - passenger/ Bed-cum- passenger hospital lift with speed of 1mtr per second, variable voltage variable frequency drive, with or without machine room for the available well size, operating at 415 V 3 phase 50 cycles AC supply, powder coated / Stainless Steel car entrance doors enclosures with suitable colour vinyl flooring, LED car illumination, emergency light, intercom and fan as desired by the user, central opening / side opening door with or without attendant operation, 7 segment display buttons, call register indicator, fireman drive, SS handrails inside car, full length infrared curtain in car door, automatic rescue device with batteries, voice announcing in regional / international languages, Braille buttons with one year warranty and maintenance with necessary scaffolding and minor civil works like fixing of guide rail, counter weight etc	Ls	1	1390704.00	1390704.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,390,704.00	-

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	...ing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board ...nals and wiring complete.	Each	1	7478.24	7478.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-		
	...ing 3 Phase Digital Ammeter/Voltmeter	Each	2	1575.84	3151.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	3,151.68	-
	...and wiring rotary selector switch suitable for ammeter	Each	1	221.76	221.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	221.76	-
	...and wiring rotary selector switch suitable for voltmeter	Each	1	180.32	180.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	180.32	-
	...ing and wiring 50/5 to 400/5 Amps 5VA burden Current Transformer. Class 0.5 accurecy with	Each	3	621.60	1864.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,864.80	-
	...ing fixing of LED type panel board indicating lamp with required colour suitable for 220VA.C 50HZ	Each	3	568.96	1706.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,706.88	-
	Supplying 100 amps rated 3phase with neutral bus bar using requiemedcapacity electrolyticaluminium strips covered with heat shrinkable couloured PVC sleeve, mounted on phenolic/FRP/DMC insulator wheih are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.	Each	1	2748.48	2748.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,748.48	-
344	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required - 5-32A SP MCB	Each	3	537.60	1612.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	1,612.80	-
345	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required.-5-32A DP MCB	Each	3	1093.12	3279.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	3,279.36	-
346	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required.-40-63A TPN MCB	Each	1	2492.00	2492.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,492.00	-
347	Supplying and fixing angle iron frame work fabricated out of M.S.angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.	Rmt	14	611.52	8561.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	8,561.28	-
348	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover,equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqm	32000	0.60	19200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	19,200.00	-
349	Supplying and fixing hylum brand hand plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc.and fixing on existing wood or metal box using N.F. screws.	Sqm	6000	0.40	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	2,400.00	-
				Part A -TOTAL AMOUNT	93051580.00			72799893.88		4955686.78				6488687.43	84,244,181.17	20,251,983.21	11,444,374.22

WORKSLIP AMOUNT	X 100%	11,444,374.22	12.30%
TENDERED AMOUNT		93051580.00	

Ass Engineer(P)
RRN,BBMP

Asst Executive Engineer (P)
RRN, Sub Division

Executive Engineer (P)
RRN Division

Works slip - 2 amount = Total worksslip amount - worksslip amount - 1

= 11,44,374/- - 81,20,597/-

= 33,23,777/-

"Here by works slip - 2 amount RS: 33,23,777/-
[RS Thirty three Lakhs twenty three thousand seven hundred seventy seven only] is approved"

Worksslip-2-
is approved

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